

What is claimed is

1. An apparatus, comprising:

a limb attachment part, having inner surfaces adapted to surround a limb of a user;

a spherical ball, having a connection portion attached thereto across an arc thereof, defined between outer surfaces of the spherical ball;

an elastic cord, coupled to said limb attachment part at one end, and having a second end, distant from said one end;

said second end extending through said connection portion hole in said spherical ball, and having a knotted portion on an outside surface of said spherical ball.

2. An apparatus as in claim 1, further comprising a protective sleeve formed of a shrinkable material, covering said knot and at least one free end of said elastic cord.

3. An apparatus as in claim 1, further comprising a swivel, connected between said limb attachment part and said elastic cord.

4. An apparatus as in claim 1, wherein said elastic cord is directly connected to said limb attachment part.

5. An apparatus as in claim 1, wherein said limb attachment part is formed of hook and pile type attachable material.

6. An apparatus, comprising:
a spherical ball having a connection portion thereon;
a limb attachment mechanism, having inner surfaces which can be changed in shape to attach to a users limb, and having a connection part, enabling connection to said limb attachment mechanism, said limb attachment mechanism formed of a flexible material, and said connection part including a rigid portion;
a first elastic cord, coupled between said rigid connection portion and said spherical ball, and including at least one connection knot therein which connects different parts of said first elastic cord to one another, said at least one connection knot including a sleeve formed of shrinkable material that is shrunk to cover said cord and said knot covering an outer surface of the connection knot.

7. An apparatus as in claim 6, wherein said rigid connection part includes a rigid swivel.

8. An apparatus as in claim 6, wherein said sleeve also covers an end portion of said first elastic cord.

9. An apparatus as in claim 8, further comprising a connection cord, connected through said bore of said spherical ball, and connected to said first elastic cord at said connection knot.

10. An apparatus as in claim 9, further comprising a second knot, in said connection cord, at an area where two parts of said connection cord contact with one another on an outside of said ball.

11. An apparatus as in claim 6, further comprising a second elastic part, coupled by a second knot to said connection part at a first end, and coupled by a third knot to said first elastic cord at a second end, and a second sleeve, covering a free end of said second elastic part, a free end of said first elastic part, and said third knot.

12. An apparatus, comprising:

a limb attachment part, having inner surfaces adapted for attachment to a user's wrist and capable of attaching around the user's wrist and having a first attachment portion therein;

a spherical ball, having inner surfaces which contain air therein, and having an air intake opening which includes a second attachment portion on an upper surface thereof formed of a portion with inner surfaces allowing attachment thereto and a beveled cylindrical portion on a bottom portion of said second attachment portion, having cylindrical outer surfaces which press against inner surfaces of said air intake opening, to plug said air intake opening in an airtight manner; and

an elastic cord, connected between said first attachment portion and said second attachment portion, allowing said spherical ball to be elastically connected to said limb attachment part.

13. An apparatus as in claim 12, wherein said limb attachment part has a variable diameter of a size adapted for holding against a user's wrist.

14. An apparatus as in claim 13, wherein said limb attachment part has hook and pile material which allows changing a diameter thereof.

15. An apparatus as in claim 12, further comprising a swivel mechanism, connected between said wrist attachment part, and said elastic cord, and allowing swiveling therebetween.

16. An apparatus as in claim 12, wherein said air intake opening is substantially round.

17. An apparatus as in claim 16, wherein said inner surfaces of said second attachment portion includes a portion with no sharp edges thereon, connected to a top portion of said second attachment portion.

18. An apparatus as in claim 17, wherein said bottom portion of said second attachment portion includes a beveled cylinder, which is widest in diameter at its top part, and is narrowest in diameter in its bottom part, and wherein said narrowest diameter portion fits within said air intake opening.

19. An apparatus as in claim 12, wherein said elastic cord is knotted on both said first attachment portion and said second attachment portion.

20. An apparatus as in claim 12, further comprising at least one knot in said elastic cord, and at least one shrinkable sleeve, over said at least one knot and shrunk thereagainst.

21. An apparatus as in claim 19, wherein said elastic cord passes through said each of said first and second attachment portions, and is also knotted at a first location near said first attachment portion and at a second location near said second attachment portion.

22. An apparatus as in claim 21, further comprising at least one shrinkable sleeve, covering at least one of said knots and shrunk thereagainst.

23. A toy, comprising:

a spherical inflatable ball, having an outer surface formed of a flexible material, and having a first portion with a hole formed therein, said hole being substantially of a circular shape, and having inner surfaces formed of a

material which can be plugged; and

a plug assembly, having a first portion formed of a beveled cylinder with a bottom part that fits within said inner surfaces of said hole, a top part which is sufficiently large as to plug said inner surfaces of said hole when depressed therein, and also includes a connection portion thereon, which has no sharp edges thereon.

24. A toy as in claim 23, further comprising an elastic cord, connected to said top part of said plug assembly.

25. A toy as in claim 24, further comprising a limb attachment part, having inner surfaces adapted for placing around the user's limb, and including a cord attachment part thereon, said cord attachment part connected to another end of said elastic cord.

26. A toy as in claim 25, wherein said cord attachment part includes a swivel.